



# Diamond Whetstones DWS

Please read carefully before use

## DIAMOND WHETSTONES

### REF. DWS

Thank you for purchasing this product.

The following symbols are used throughout these instructions.



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions.

### INTENDED USE

This product is intended to be used to sharpen TC and HSS tools. For professional and domestic use. Use with Diamond Abrasive Lapping Fluid (water can be used if necessary), to prevent the diamonds becoming clogged with swarf.

### SAFETY

Please read and understand the instructions before use.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

Users must be competent in using woodworking equipment before using our products.

Please keep children and visitors away from tools and work area. Consider working environment before using tools. All tools have residual risk, so must therefore be handled with caution.



All cutting edges are very sharp and care must be taken to prevent injury. Never sharpen blades towards the hand or body.

Ensure all tools are used correctly, maintained properly and stored carefully.

INST/DWS v7.0

# trend

routing technology

## GUIDELINES

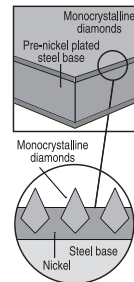
Diamond whetstones allow fast, clean stock removal, with less effort and time required and can be used on a variety of cutting edges.

When using diamond whetstones, certain general guidelines should be followed to ensure that the whetstone gives lasting performance under normal conditions. All stones require a break-in period. Follow the hints and tips explained here to help maximise the life of your whetstone:

- All tooling should be cleaned before sharpening. Resin build-up should be removed with Resin Cleaner and a wire brush.
- The whetstones require a 'break-in' period. Initially the diamond will feel coarse and will smooth over time.
- Do not apply too much pressure. The diamond is extremely abrasive so what would normally take 5-10 minutes on an oilstone may take approximately 20 seconds on the Diamond whetstone.
- Dry the whetstone thoroughly after use. Any wet steel filings left on the stone after using water will cause rust to form!

## TECHNICAL DATA

Grade	Grit	Micron
FINE FINE	1000	15
FINE	600	25
COARSE	300	50
EXTRA COARSE	180	70



## OPERATION



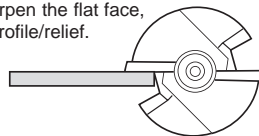
### Router Cutters/Bits

Suggested - DWS/CC/FC, DWS/P5/FC, DWS/B7/FC, DWS/P3/FC

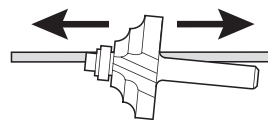
**Fine** For Tungsten Carbide cutters/bits  
**Coarse** For High Speed Steel cutters/bits



- Always sharpen the flat face, never the profile/relief.



- Slide the cutter with slight pressure along the whetstone. Repeat same number of strokes on each cutting edge.



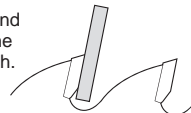
### Circular Sawblades

Suggested - DWS/P5/FC

**Fine** For regular maintenance  
**Coarse** For dull blades

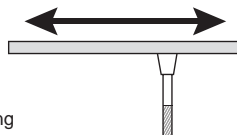


- Keep the diamond surface flat to the face of saw tooth.



- Use a few light, smooth, back and forth strokes on each tooth. Repeat the same number of strokes on each tooth.

Mark the first tooth sharpened with chalk or masking tape to avoid honing a second time.



## ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing as waste.

Packaging should be sorted for environmental-friendly recycling. The product and its accessories at the end of its life should be sorted for environmental-friendly recycling.

## GUARANTEE

All Trend products are guaranteed against any defects in either workmanship or material, except products that have been damaged due to improper use or maintenance.

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PTO



RECYCLABLE

## Pruners

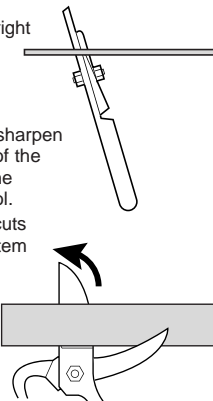
Suggested - DWS/P5/FC

**Coarse** To restore a dull edge



- Place whetstone level with the upright single bevel.

- Stroke gently to sharpen along the curve of the blade, towards the outside of the tool. Easy clean test cuts on a branch or stem confirm sufficient sharpness.



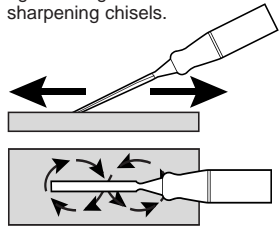
## Chisel/Plane Irons

Suggested - DWS/B7/FC,  
DWS/CP8/FC

**Fine** For precision edge or to hone the edge  
**Coarse** To remove nicks in the blade



- Keep the bevel of the chisel/plane iron flat on the whetstone. It is recommended to use a figure of eight motion when sharpening chisels.



- Finish with one light stroke on the back of the chisel.



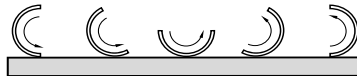
## Small, Pointed Tools & Gouges

Suggested - DWS/CC/FC, DWS/P5/FC,  
DWS/B7/FC, DWS/P3/FC

**Fine** To maintain an edge  
**Coarse** To restore a dull edge



- The bevel on the back of the gouge should be flat on the whetstone. The gouge should then be rolled gently on the whetstone to hone.



- Small tools should be honed as per chisels and pointed tools as per gouges.

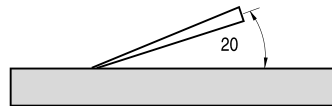
## Knives

Suggested - DWS/P5/FC, DWS/B7/FC,  
DWS/CP8/FC

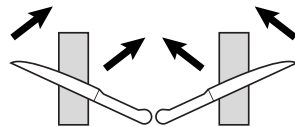
**Fine** For keeping a razor edge  
**Coarse** To restore a damaged or dull edge



- Keep same angle as knife bevel on the whetstone. The angle is 20° for most knives.



- Stroke away from the body, alternating on each side of the knife. Light strokes will produce a finer edge.



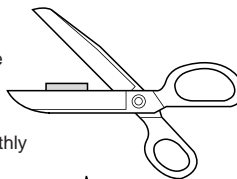
## Scissors

Suggested - DWS/P5/FC

**Fine** For quality scissors  
**Coarse** For general use shears

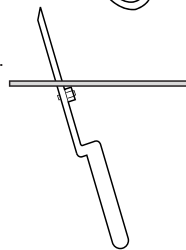


- Align whetstone flush with the bright bevel.



- Stroke smoothly towards the outside of the scissors. Repeat on the other blade.

- Small burr on the sliding blade face can be removed with a light stroke.



## ACCESSORIES

Please use only Trend original accessories.

### Diamond Abrasive Lapping Fluid DWS/LF/100, DWS/LF/250, DWS/LF/500



- Suitable for use with all diamond abrasive products.
- Use instead of water to reduce the threat of rusting by 95%.
- Reduces possibility of clogging of diamond surface and improves diamond stone performance.

### DIAMOND WHETSTONE MAINTENANCE

Please use only Trend original spare parts and accessories.

Continual satisfactory operation depends upon proper tool care and regular cleaning.

#### Cleaning

- Clean with a damp cloth or use with a Trend cleaning block Ref. DWS/CB/A.

#### Storage

- Do not store the whetstones in damp conditions.
- Always return stone to its packaging after use.